ABSTRACT OF THE DISCLOSURE

A Force/Torque (FT) sensor includes memory for storing calibration data associated with the FT sensor. Force and torque analog signals are output to a data acquisition (DAQ) system. The digital calibration data is output to the DAQ system as a

5   digital bitstream comprising a series of predetermined voltage levels driven for predetermined durations. The DAQ system interprets the series of voltage levels on the calibration input as a digital bitstream, receives and quantizes the force/torque signals, and calibrates the force/torque signals using the calibration data. Alternatively, the calibration signals may be routed to a standard serial port on the DAQ system. For

10   small form factor FT sensors, the calibration data may be stored in an associated power supply unit.